

Peak District National Park

Forecast valid from 00:00 on Wednesday 06 Jan 2021 until 23:59 on Thursday 07 Jan 2021

Forecast Issued on Tuesday 05 Jan 2021 at 13:16

Confidence: High for cold conditions to continue for the next few days. The main uncertainty will be low cloud amounts on Wednesday and the timing and intensity of snow arriving late on Thursday.

Headline for Wednesday 06 Jan 2021: Wintry showers easing with sunny spells developing. Winds easing.

Mountain weather hazards on Wednesday 06 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
				Time			
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light snow showers (night)	Light snow showers (night)	Light snow showers (night)	Light snow showers	Cloudy	Sunny intervals	Clear night	Clear night
Precipitation probability							
70%	70%	70%	70%	30%	<05%	<05%	<05%

Forecast for Wednesday 06 Jan 2021

Weather: A cloudy night and morning with a few sleet or snow showers, most frequent across eastern hills. Showers will die away through the afternoon with increasing bright or sunny spells. Remaining dry and clear for the evening but some valley fog patches and a widespread frost developing.

Chance of cloud free mountain/hill tops above 600m: 20% overnight and morning, becoming 80% in afternoon.

Visibility: Poor for spells overnight and during the morning in areas of cloud above 400m and a few snow showers. Improving through the afternoon as cloud lifts, becoming excellent at all elevations. Patchy valley fog in evening.

Forecast for Wednesday 06 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 NE	18/25 NE	17/23 NE	16/21 NE	13/17 NE	10/13 NE	9/13 N	7/12 N	6/10 N
300	11/18 NE	10/17 NE	11/17 NE	9/14 NE	9/14 NE	6/10 NE	5/9 NE	5/8 NE	4/6 NE
Valley	7/19 NE	4/17 NE	5/16 N	4/11 N	7/14 NE	4/11 N	5/12 NE	3/8 NE	3/6 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-2/-9	-2/-9	-2/-9	-2/-7	-2/-6	-2/-7	-3/-7	-3/-7
300	0/-5	-0/-5	-0/-5	-0/-4	1/-4	1/-2	-0/-3	-0/-4	-1/-3
Valley	0/-3	0/-2	-0/-3	0/-3	2/-1	2/-1	-0/-3	-1/-3	-1/-3
Freezing Level*	200m	200m	200m	200m	300m	400m	200m	100m	100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Difficult navigation conditions at first but visibility improving through the day. A severe wind chill at height, particularly in the morning, but winds easing in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
15:00 on Tue 05 Jan 2021

Last 24 hours:
0.4mm

Last 48 hours:
1mm

Last 72 hours:
2.8mm

Forecast for Thursday 07 Jan 2021

Weather: Dry with clear spells and freezing fog patches overnight. A dry and bright morning but cloud thickening in the afternoon with outbreaks of mainly light snow arriving from the north around late afternoon or early evening. Some uncertainty in the timings.

Maximum wind: West or NW 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 80% overnight and morning, becoming 10% later as outbreaks of snow arrive.

Visibility: Mainly excellent in morning and early afternoon but patchy valley fog will be slow to clear. Turning very poor at most elevations late afternoon or early evening. Low cloud developing above 300 or 400m.

Temperature: **Valleys:** Minus 4 or 5C rising to Plus 2 or 3C.
At 600m: Minus 2C.
Freezing level: Ground mainly frozen down to valley level.